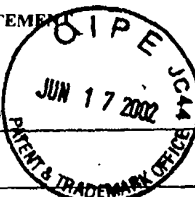


FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.867US01	Application Number: 10/055640
	Applicant: SHIRAISHI et al.	
	Filing Date: 22 January 2002	Group Art Unit: Unknown



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pa	4,514,247	Apr 1985	Zola	29	25.35	
pa	4,572,981	Feb 1986	Zola	30	357	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				IPC CLASSIFICATION		YES	NO
pa	61-195000	Aug 1986	Japan	H04 R	017/00	Abstract	
pa	60-85699	May 1985	Japan	H04 R	017/00	Abstract	
pa	58-21883	Feb 1983	Japan	H01 L	041/22	Abstract	
pa	2-51289	Feb 1990	Japan	H01 L	041/26	Abstract	
pa	11-274592	Oct 1999	Japan	H01 L	041/09	Abstract	
pa	2924664	May 1999	Japan	H01 L	041/24	See IDS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
pa	Ultrasonic Wave Handbook, Section 3.3.10a, Maruzen Kabushiki Kaisha (1999).
pa	Smith, W.A., "The role of piezocomposites in ultrasonic transducers," <i>Ultrasonics Symposium</i> , 755-766 (1989).

COPY OF PAPERS
ORIGINALLY FILED



RECEIVED
JUN 27 2002
TC 2800 MAIL ROOM

EXAMINER: <i>Requena</i>	DATE CONSIDERED: 10/17/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	